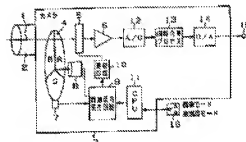


SOLID-STATE IMAGE PICKUP DEVICE**Publication number:** JP10051796**Publication date:** 1996-02-20**Inventor:** KUBOTA AKIHIRO; SUGIMOTO YUKIHIRO; NOGUCHI TOSHIYUKI ITO HIROSHI**Applicant:** OLYMPUS OPTICAL CO**Classification:****- International:** H04N5/232; H04N9/04; H04N5/232; H04N9/04; (IPC1-7): H04N9/04**- European:** H04N5/232F; H04N9/04B**Application number:** JP19970109347 19970425**Priority number(s):** JP19970109347 19970425; JP19960138663 19960531**Also published as:** US6304293 (B1)[Report a data error here](#)**Abstract of JP10051796**

PROBLEM TO BE SOLVED: To shorten a fetching time of a picture even if an accumulation time is prolonged by providing an image-pickup mode selection means for selecting a standard mode which image-picks up an animation picture and a high sensitive mode which image-picks up a still picture and controlling a period of a color separation means in accordance with an output of an image pickup mode selection means. **SOLUTION:** A synchronizing signal generating circuit 9 controls a motor 8 which is controlled by a CPU 11 and drives a rotary filter 4 based on a generated synchronizing signal and a driving circuit 10 driving a solid-image pickup element 5. Object light beams separated into R, G and B by the rotary filter 4 are inputted to the solid-state image pickup element 5. An image pickup mode selection switch 16 which selects a standard mode and a high sensitive mode and changes them over is provided on an outer face of a camera main body 3. A selected image pickup mode signal is inputted to the CPU 11. Thus, the rotary filter 4 and the solid-image pickup element 5 are controlled by the CPU 11 and they are driven in accordance with the image pickup mode selected by the image pickup mode selection switch 16.

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